

Recombinant Full Length Human GUCA2A Protein, GST-tagged

Cat. No. GUCA2A-3342HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GUCA2A full-length ORF (NP_291031.2, 1 a.a. - 115 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	115 amino acids
Description	GUCA2A (Guanylate Cyclase Activator 2A) is a Protein Coding gene. Diseases associated with GUCA2A include Cone-Rod Dystrophy and Cystic Fibrosis. Among its related pathways are Miscellaneous digestion events and Myometrial Relaxation and Contraction Pathways. GO annotations related to this gene include hormone activity and guanylate cyclase activator activity.
Molecular Mass	38.8 kDa
AA Sequence	MNAFLLSALCLLGAWAALAGGVTVQDGNFSFSLESVKKLKDLDQEPQEPVVGKLRNF APIPGEPVVPILCSNPNFPEELKPLCKEPNAQEILQRLEEIAEDPGTCEICAYAACTGC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GUCA2A guanylate cyclase activator 2A (guanylin) [Homo sapiens]
Official Symbol	GUCA2A
Synonyms	GUCA2A; guanylate cyclase activator 2A (guanylin); GUCA2; guanylin; STARA; guanylate cyclase-activating protein 1; guanylate cyclase-activating protein I; guanylate cyclase activator 2A (guanylin 2, intestinal, heat-stable); GCAP-I;
Gene ID	2980
mRNA Refseq	NM_033553
Protein Refseq	NP_291031
MIM	139392
UniProt ID	Q02747

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